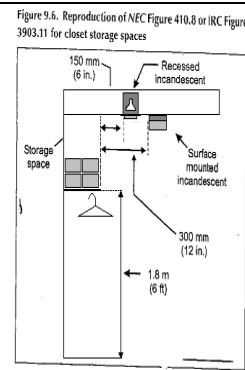


RESIDENTIAL ROUGH ELECTRICAL CHECKLIST

Address:	Contractor:	Permit #
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The following checklist is not all-inclusive. Other code related requirements may be included in this inspection.

OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	314.16(A) Is Box fill approved? Note: Most boxes have allowable fill printed on the back wall, add 2 conductor counts for the Yoke/Strap of the device.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	210.8(A) (5) Is there a GFCI Receptacle located in the unfinished portion of the basement (within 25ft of the mechanical equipment)? We have not required additional recp. If basement is segregated in to multiple unfinished spaces.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	334.30 Are the NM Cable properly secured? Note: Secure within 12" of the box and every 4' 6".	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	210.63 Are the outdoor receptacles in place? Front and rear of structure. Is one within 25 ft of the A/C Unit?
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	210.7(A) Are boxes properly placed & spaced? 12 ft between boxes for all walls except Kitchens. Kitchens are (4ft o.c. including peninsulas, and 1 recp. for islands, Bathrooms within 36 inches of the wash basin. Hallways over 10 ft require 1 recp.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	410.8 Do the closets have the proper clearances for the lights installed? 6" for recessed, 12" for surface mount incandescent, 6" for surface mount fluorescent.
 <p style="font-size: small;">Figure 9.6. Reproduction of NEC Figure 410.8 or IRC Figure 3903.11 for closet storage spaces</p>			
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	314.27(C) Is it the proper box for the Job? i.e. fan rated box, floor rated box, etc. Does the installation require a "Rated" box to be installed? Fire rating in air returns and town home party walls. Most of the plastic or fiber type boxes have a one hour rating.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	410.66 If recessed Lighting has been installed, are the cans IC Rated? Label inside the fixture will provide most of the information. Are they installed per manufacturer installation instructions?
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	250.148(A) Are any metal boxes properly bonded? i.e. vanity, outdoor light (usually pancake boxes), ceiling fans, etc.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	250.104 (A) & (B) Where applicable has the water piping system and gas piping (CSST) system been properly bonded?

OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	300.4(A) (1) Are nail plates required? Are wires positioned in the center of the stud? 1 1/4" for bored holes. "Stack-its" should be required if more than 4 NM Cables are secured to the stud.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	For Services or subpanels refer to the Residential Services Check List.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	210.52 Has the proper NM Cable installed for the required circuit? 12g/20A circuit is required in the laundry and bathrooms, as well as kitchens. Kitchen includes nooks, pantries, dinning room and any accessory use areas. The dinning room & nook and refrigerator, etc. ARE ALLOWED to be connected to the small appliance circuits. This is not the normal installation. All of our electricians terminated at the source.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	210.70 (2) (a), (b) &(c) Have Lighting Outlets been installed hallways, stairways (interior exterior, 6 riser, or more, at each floor level, attached & detached garages with power., exterior grade level entrances? Automatic controls are allowed instead of an actual switch, i.e. timers & photo switches, etc.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	310.15(B)(2) Have NM Cable been "Bundled" or "Stacked" in lengths longer than 24" ? Typically four 2 conductor with ground or three 3 conductor with ground, (14awg or 12awg) can be bundled or stack and installed on their respective circuit breakers, (15A or 20A).	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	334.30 & 314.17 (C) Exception. Are NM Cables Properly secured to the box? All NM Cable are required to be secured within 12" of the box when a cable clamp is used at the point of entry into the box or within 8" of the point entry into the box when no clamp is used.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	334.12(B), 334.23 & 320.23 Are NM Cables smaller than two 6awg or three 8awg supported by bored holes through ceiling and floor joists or installed on running boards (rat boards)? NM Cable smaller than cable assemblies specified above, must be protected by the floor or ceiling assembly or installed on boards. NOTE: 2006 IRC and previous addition required 2"of separation between edge of the bored hole to the edge another bored hole or edge of joist.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>210.52(A)(2)(3) & 210.52(C) Have receptacles been installed per requirements listed below?</p> <p>(1) Spacing. Receptacles shall be installed so that no point measured horizontally along the floor line in any wall space is more than 1.8 m (6 ft) from a receptacle outlet.</p> <p>(2) Wall Space. As used in this section, a wall space shall include the following:</p> <p>(1) Any space 600 mm (2 ft) or more in width (including space measured around corners) and unbroken along the floor line by doorways, fireplaces, and similar openings</p> <p>(2) The space occupied by fixed panels in exterior walls, excluding sliding panels</p> <p>(3) The space afforded by fixed room dividers such as freestanding bar-type counters or railings.</p> <p>(C) Countertops. In kitchens and dining rooms of dwelling units, receptacle outlets for counter spaces shall be installed in accordance with 210.52(C)(1) through (5).</p> <p>(1) Wall Counter Spaces. A receptacle outlet shall be installed at each wall counter space that is 300 mm (12 in.) or wider. Receptacle outlets shall be installed so that no point along the wall line is more than 600 mm (24 in.) measured horizontally from a receptacle outlet in that space.</p> <p>(2) Island Counter Spaces. At least one receptacle outlet shall be installed at each island counter space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater.</p> <p>(3) Peninsular Counter Spaces. At least one receptacle outlet shall be installed at each peninsular counter space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater. A peninsular countertop is measured from the connecting edge.</p>		
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>2003 IRC - R313.1 Have smoke Alarms been installed in the following locations?</p> <ol style="list-style-type: none"> 1. In each sleeping room. 2. Outside each separate sleeping area in the immediate vicinity of the bedrooms. 3. On each additional story of the dwelling, including basements but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level. <p>When more than one smoke alarm is required to be installed within an individual dwelling unit, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. All smoke alarms shall be listed and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72.</p>		
Notes:			

Date		Inspector	
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